

## A B S T R A C T

The invention provides an osteosynthesis and  
compression screw that is self-boring and self-tapping  
5 for the purpose of coaptation of small bone fragments.  
The screw comprises:

- a proximal portion formed by a screw head provided  
with an outside thread;
- an intermediate portion having no thread; and
- 10 • a distal portion provided with an outside thread.

Wherein:

- each of the screw head and the distal portion  
includes at least one groove, firstly extending over the  
entire axial length of its thread, and secondly being  
15 formed through each thread in such a manner to form  
tapping means; and

- the terminal zone of the distal portion is  
provided with preparation means for preparing a housing  
in the bone fragments for receiving the intermediate and  
20 distal portions of the screw.